

Careopsis 5 Black

Field Mus. Nat. Ser. xi. no. 6.

Some details derived from the revision by Shreve, Field Mus. Bot. Ser. xi. no. 6.

a. Outer involucre much shorter than inner; style-tips truncate or obtusely short-conical; achenes oblong, ~~balliopsis~~ ... b.

b. Perennials with mostly simple leaves; ligules ~~roseate~~ white; achenes nearly straight, smooth, ~~1-3 mm. long~~ 4-6 mm. high; or ~~orange~~ yellow; achenes nearly straight, smooth, ~~1-3 mm. long~~ 4-6 mm. high; Leaves mostly opposite, narrowly linear, ligules roseate or white; 1. C. rosea. achenes wingless; rhizome creeping.

c. Annual with principal leaves opposite, the radical and lower cauline leaves mostly alternate, linear-lanceolate to narrowly obovate; ligules ~~orange~~ yellow; achenes pectinate-fringed; rhizome not creeping... 2. C. gladiata.

d. Annual with principal leaves opposite, the radical and lower cauline leaves mostly alternate, linear-lanceolate to narrowly obovate; ligules ~~orange~~ yellow; achenes pectinate-fringed; rhizome not creeping... 3. C. tinctoria.

e. Annual with principal leaves opposite, the radical and lower cauline leaves mostly alternate, linear-lanceolate to narrowly obovate; ligules ~~orange~~ yellow; achenes pectinate-fringed; rhizome not creeping... 4. C. lanceolata.

f. Annual with principal leaves opposite, the radical and lower cauline leaves mostly alternate, linear-lanceolate to narrowly obovate; ligules ~~orange~~ yellow; achenes pectinate-fringed; rhizome not creeping... 5. C. grandiflora.

g. Annual with principal leaves opposite, the radical and lower cauline leaves mostly alternate, linear-lanceolate to narrowly obovate; ligules ~~orange~~ yellow; achenes pectinate-fringed; rhizome not creeping... 6. C. pubescens.

h. Annual with principal leaves opposite, the radical and lower cauline leaves mostly alternate, linear-lanceolate to narrowly obovate; ligules ~~orange~~ yellow; achenes pectinate-fringed; rhizome not creeping... 7. C. auriculata.

i. Annual with principal leaves opposite, the radical and lower cauline leaves mostly alternate, linear-lanceolate to narrowly obovate; ligules ~~orange~~ yellow; achenes pectinate-fringed; rhizome not creeping... 8. C. palmata.

j. Annual with principal leaves opposite, the radical and lower cauline leaves mostly alternate, linear-lanceolate to narrowly obovate; ligules ~~orange~~ yellow; achenes pectinate-fringed; rhizome not creeping... 9. C. major.

k. Annual with principal leaves opposite, the radical and lower cauline leaves mostly alternate, linear-lanceolate to narrowly obovate; ligules ~~orange~~ yellow; achenes pectinate-fringed; rhizome not creeping... 10. C. delphinifolia.

l. Annual with principal leaves opposite, the radical and lower cauline leaves mostly alternate, linear-lanceolate to narrowly obovate; ligules ~~orange~~ yellow; achenes pectinate-fringed; rhizome not creeping... 11. C. verticillata.

m. Annual with principal leaves opposite, the radical and lower cauline leaves mostly alternate, linear-lanceolate to narrowly obovate; ligules ~~orange~~ yellow; achenes pectinate-fringed; rhizome not creeping... 12. C. tripteris.